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TO: Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

FROM: Diane H. Robinson (Typed or printed name of person signing Certificate)

Fax No. 513-634-6108

Phone No. 513-634-2477

Application No.: 09/777,989

Inventor(s): Thomas Lee Chester

Filed: February 6, 2001

Docket No.: 8035M

Confirmation No.: 2857

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that I have reasonable basis to expect that, on February 22, 2006, this correspondence is being mailed or deposited with the United States Postal Service with sufficient postage as first class mail to the address identified above.

A handwritten signature of Diane H. Robinson over a horizontal line.

Listed below are the item(s) being submitted with this Certificate of Mailing**:

- 1) Response to Notice of Non-Responsive Amendment (8 pages)
- 2) Appendix of Replacement Sheets of Drawings (6 sheets)
- 3) Copy of Information Disclosure Statement and SB08 that was previously sent to USPTO on July 20, 2001 (9 pages)
- 4) Non-Patent Literature Documents (102 documents)

**Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/777,989
Inventor(s) : Thomas Lee Chester
Filed : February 6, 2001
Art Unit : 2857
Examiner : Hal D. Wachsman
Docket No. : 8035M
Confirmation No. : 2857
Customer No. : 27752
Title : Methods for Modeling, Predicting, and Optimizing High Performance Liquid Chromatography Parameters

RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY REMARKS

In response to the Notice of Non-Responsive Amendment of January 30, 2006, please amend the above-identified application as follows, consider the following remarks and reconsider the application.

Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Amendments to the Drawings begin on page 6 of this paper.

Remarks begin on page 7 of this paper.

An *Appendix* including amended drawing figures is attached following page 8 of this paper.